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TITLE: DEHUMIDIFYING-HUMIDIFYING DEVICE  
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INVENTOR-INFORMATION:

NAME

NONAKA, MASAYUKI

FUNAKOSHI, SAHO

UMEDA, TOMOMI

ENDO, KAZUHIRO

TAKAGI, TAKEO

KANEKO, TOMOMICHI

INOUE, YOSHIMI

ASSIGNEE-INFORMATION:

NAME

HITACHI LTD

COUNTRY

N/A

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ABSTRACT:

PURPOSE: To provide a dehumidifying-humidifying device which is constituted to reduce a necessary amount of an adsorbent or an absorbent and reduce a consumption power, in a dehumidifying-humidifying device using an adsorbent or an absorbent.

CONSTITUTION: In a dehumidifying-humidifying device formed in a manner that dehumidification is effected in a way that a moisture content in air is adsorbed by an adsorbent 2 and humidification is effected in a way that a moisture held by the adsorbent 2 is discharged, at least either one

of heating  
and cooling of the adsorbent 2 is executed by a freezing cycle  
comprising a  
cooling unit 4, consisting of a compressor 1 and a condenser and a  
heat-  
exchanger 18 consisting of an expansion valve 6 and a vaporizer.  
This  
constitution performs arbitrary and high by precise control of  
humidity in a  
room.

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